| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|------------------------------|---------------------|---------|------------------|
| L1 | 1872 | insulation adj layer with silicon adj nitride | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 15:18 |
| L2 | 175 | L1 and "349"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 14:46 |
| L3 | 183 | passivation adj layer.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 14:50 |
| L4 | 170 | passivation adj layer with silicon adj nitride with conventional | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 15:08 |
| L5 | 3 | L4 and "349"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON . | 2005/07/14 14:50 |
| L6 | 18 | ("4347265" "4580877" "4772885" "4877995" "4929060" "5101289" "5280221" "5300928").PN. OR ("5504599").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 14:54 |
| L7 | 7 | ("4500173" "4772885" "5121234" "5504599" "5841494" "5852485").PN. OR ("6208391").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 14:55 |
| L8 | 186 | passivation adj layer with silicon adj nitride with convention\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 15:09 |
| L9 | 3 | L8 and "349"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 15:08 |
| L10 | 3803 | silicon adj nitride with dielectric adj constant | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 15:09 |
| L11 | 177 | L10 and "349"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 15:10 |
| L12 | 0 | insulation adj layer with silicon adj nitride with convention | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 15:18 |
| L13 | 29 | insulation adj layer with silicon adj nitride with convention\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 15:21 |
| L14 | 192 | electroluminescent and electrode and passivation adj layer and nitride | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 15:21 |

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|-----|------|--|------------------------------|----|------|------------------|
| L15 | 33 | L14 and "349"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 15:56 |
| L16 | 23 | organic adj electroluminescent and 349/69.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 15:59 |
| L17 | 95 | organic.ti. and "349"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 16:58 |
| L18 | 1 | "6830494".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 16:58 |
| S1 | 1 | "10/653914" | US-PGPUB; USPAT | OR | ON | 2005/02/02 11:11 |
| S2 | 1086 | 349/43.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/18 18:29 |
| 54 | 60 | "349"/\$.ccls. and without adj5 "contact hole" | US-PGPUB; USPAT | OR | ON | 2005/01/18 19:31 |
| S5 | 362 | "349"/\$.ccls. and "gate pad" and "data pad" | US-PGPUB; USPAT | OR | ON , | 2005/01/19 15:43 |
| S6 | 4322 | "contact hole".ab. | US-PGPUB; USPAT | OR | ON | 2005/01/19 15:44 |
| S7 | 334 | S6 and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/19 15:44 |
| S8 | 59 | expose with without with contact with hole | US-PGPUB; USPAT | OR | ON | 2005/01/19 15:45 |
| S9 | 9 | expose with without adj5 contact adj hole | US-PGPUB; USPAT | OR | ON | 2005/01/19 15:46 |
| S10 | 37 | expos\$ with without adj5 contact adj hole | US-PGPUB; USPAT | OR | ON | 2005/01/19 16:28 |
| S11 | 2 | expos\$ with without adj5 contact adj hole and "gate pad" and "data pad" | US-PGPUB; USPAT | OR | ON | 2005/01/19 16:29 |
| S12 | 7 | US-5929958-\$.DID. OR US-5034339-\$.DID. OR US-5034340-\$.DID. OR US-5045485-\$.DID. OR US-5065202-\$.DID. OR US-4960719-\$.DID. OR US-5703668-\$.DID. | US-PGPUB; USPAT | OR | ON | 2005/01/28 15:58 |
| S13 | . 3 | ("5065202").URPN. | USPAT | OR | ON . | 2005/01/28 15:58 |
| S14 | 9 | ("20010008710" "5065202" "5691787" "5731856" "5852488" "5972527" "6259490" "6295109" "6444296").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/28 16:04 |

| S15 | 1 | "09/526150" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/28 16:06 |
|-----|-----|---|------------------------------|------|----|------------------|
| S16 | 6 | "gate pad" and "data pad" and (without adj5 (contact adj hole)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/28 17:11 |
| S22 | 0 | "forming a common electrode on the second" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/28 16:22 |
| S23 | 0 | "10/626767" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/28 17:12 |
| S24 | 2 | "626767".ap. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/28 17:12 |
| S25 | 31 | sung-chae-gee.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/28 18:41 |
| S26 | 118 | expose adj5 ("gate pad" and "data pad") | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/28 19:04 |
| S27 | 4 | lee-kun-jong | US-PGPUB; USPAT | OR | ON | 2005/01/28 19:36 |
| S28 | .4 | lee-kun-jong.in. | US-PGPUB; USPAT | OR | ON | 2005/01/28 19:37 |
| S29 | 1 | "20050012150" | US-PGPUB; USPAT | OR | ON | 2005/01/31 15:50 |
| S30 | 0 | etch and (polish\$ adj process) and (dry adj etch) and (atmospher\$ adj pressure adj plasma) | US-PGPUB; USPAT | OR | ON | 2005/01/31 15:51 |
| S31 | 0 | (polish\$ adj process) and (dry adj etch) and (atmospher\$ adj pressure adj plasma) | US-PGPUB; USPAT | OR . | ON | 2005/01/31 15:52 |
| S32 | 73 | (polishing adj process) and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/31 15:53 |
| S33 | 223 | (common adj electrode) with opposed with (pixel adj electrode) | US-PGPUB; USPAT | OR | ON | 2005/01/31 15:54 |
| S34 | 159 | (common adj electrode) with opposed with (pixel adj electrode) and "active matrix" | US-PGPUB; USPAT | OR | ON | 2005/01/31 16:01 |
| S35 | 3 | (common adj electrode) with opposed with (pixel adj electrode) same conventional and "active matrix" | US-PGPUB; USPAT | OR . | ON | 2005/01/31 16:03 |
| S36 | 37 | (common adj electrode) with oppos\$ with (pixel adj electrode) same conventional and "active matrix" | US-PGPUB; USPAT | OR | ON | 2005/01/31 18:35 |

| S37 | . 5 | positive adj mask and "349"/\$. ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/31 18:36 |
|------------------|------|---|--------------------|----|----|------------------|
| S38 | 146 | positive adj (resist mask) and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/31 18:37 |
| S39 | 12 | (US-20010048489-\$ or US-20020033905-\$ or US-20020044229-\$ or US-20020051110-\$ or US-20020101556-\$ or US-20020121639-\$ or US-20030123009-\$ or US-20030193626-\$ or US-20030197182-\$ or US-20050012150-\$).did. or (US-6611310-\$ or US-6649936-\$). did. | US-PGPUB; USPAT | OR | ON | 2005/02/01 11:39 |
| S40 | 57 | (data adj pad) and (data adj pad adj terminal) | US-PGPUB; USPAT | OR | ON | 2005/02/01 14:43 |
| S41 | 57 | (data adj pad adj terminal) | US-PGPUB; USPAT | OR | ON | 2005/02/01 16:48 |
| S42 | 0 | seiko.as. and "gate pad" and "data pad" | US-PGPUB; USPĄT | OR | ON | 2005/02/01 15:34 |
| S43 | 85 | philips.as. and "gate pad" and "data pad" | US-PGPUB; USPAT | OR | ON | 2005/02/01 15:42 |
| S44 | 22 | S43 and terminal | US-PGPUB; USPAT | OR | ON | 2005/02/01 15:43 |
| S45 | 27 | chang-youn-gyoung.in. | US-PGPUB; USPAT | OR | ON | 2005/02/01 16:32 |
| S46 | . 3 | (data adj pad adj terminal) with (protect shield) | US-PGPUB; USPAT | OR | ON | 2005/02/01 17:19 |
| S47 | 3 | ((dip dipping) with etchant) and polish\$ adj method | US-PGPUB; USPAT | OR | ON | 2005/02/01 17:34 |
| S48 | 797 | (passivation adj layer) with (entire adj surface) | US-PGPUB; USPAT | OR | ON | 2005/02/01 17:53 |
| S 4 9 | 221 | (passivation adj layer) with (entire adj surface) and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/01 18:05 |
| S50 | 0 | (passivation adj layer) with (entire adj surface) adj to and "349"/\$. ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/01 18:05 |
| S51 | 0 | (passivation adj layer) and polyminide | US-PGPUB; USPAT | OR | ON | 2005/02/01 18:34 |
| S52 | 4152 | (passivation adj layer) and polyimide | US-PGPUB; USPAT | OR | ON | 2005/02/01 18:35 |
| S53 | 1220 | (passivation adj layer) with polyimide | US-PGPUB; USPAT | OR | ON | 2005/02/01 18:36 |
| S54 | 315 | S52 and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/01 18:37 |

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|-----|-------|--|--------------------|------|----|------------------|
| S55 | 98 | S53 and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/01 18:50 |
| S56 | 23 | "dipping process" and "349"/.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/01 18:58 |
| S57 | . 25 | ("dipping process" (dip with etchant)) and "349"/.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/01 19:00 |
| S58 | 12 | ("dipping process" (dip with etchant)) and "349"/.ccls. and etch\$ | US-PGPUB; USPAT | OR | ON | 2005/02/01 19:17 |
| S59 | 207 | dip with etchant | US-PGPUB; USPAT | OR | ON | 2005/02/01 19:17 |
| S60 | . 3 | S59 and "349"/\$.ccls. | US-PGPUB; USPAT | OR . | ON | 2005/02/01 19:37 |
| S61 | 10 | dipping with etchant and "349"/\$. ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/01 19:45 |
| S62 | 22 | dipping with etchant and (polishing adj process) | US-PGPUB; USPAT | OR | ON | 2005/02/01 19:54 |
| S63 | 21753 | etch\$ same (CMP (chemical adj mechanical adj polish\$)) | US-PGPUB; USPAT | OR | ON | 2005/02/02 10:18 |
| S64 | 105 | S63 and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/01 19:55 |
| S65 | 13631 | etch\$ with (CMP (chemical adj mechanical adj polish\$)) | US-PGPUB; USPAT | OR | ON | 2005/02/02 10:11 |
| S66 | 57 | S65 and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/02 10:18 |
| S67 | 1289 | dry adj etch\$ and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/02 10:25 |
| S68 | 4 | (dry adj etch\$ with atmospheric adj pressure adj plasma) and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/02 10:27 |
| S69 | 5 | (etch\$ with atmospheric adj pressure adj plasma) and "349"/\$. ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/02 10:28 |
| S70 | 15 | (atmospher\$ adj pressure adj plasma) and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/02 10:29 |
| S71 | 468 | (atmospher\$ adj pressure adj plasma) | US-PGPUB; USPAT | OR | ON | 2005/02/02 10:39 |
| S72 | 1 | (atmospher\$ adj pressure adj plasma) and (beam adj type) | US-PGPUB; USPAT | OR | ON | 2005/02/02 10:40 |
| S73 | 2 | plasma and (beam adj type) and (bar adj type) | US-PGPUB; USPAT | OR | ON | 2005/02/02 10:42 |
| S74 | 526 | etch and (low adj pressure adj plasma) | US-PGPUB; USPAT | OR | ON | 2005/02/02 11:11 |
| S75 | 1 | etch and (low adj pressure adj plasma) and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/02 11:12 |

| S76 | 83 | etch with (low adj pressure adj plasma) | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:04 |
|-----|-------|---|--------------------|------|------|------------------|
| S77 | .0 | etch with (low adj pressure adj plasma) and "liquid crystal" | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:04 |
| S78 | 175 | etch same (low adj pressure adj plasma) | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:05 |
| S79 | 38 | etch same (low adj pressure adj plasma) same convention\$ | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:13 |
| S80 | 0 | (passivation adj layer) with polyminide and rubbing and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:14 |
| S81 | 51 | (passivation adj layer) with polyimide and rubbing and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:14 |
| S82 | 3 | (passivation adj layer) with polyimide and rubbing and "349"/\$.ccls. and (passivation adj layer) with (entire adj surface) | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:15 |
| S83 | 51 | (passivation adj layer) with polyimide and rubbing and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:16 |
| S84 | . 54 | (passivation adj layer) with (entire adj surface) and rubbing and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON . | 2005/02/02 13:23 |
| S85 | 3 | S83 and S84 | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:16 |
| S86 | . 221 | (passivation adj layer) with (entire adj surface) and "349"/\$.ccls. | US-PGPUB; USPAT | OR . | ON | 2005/02/02 13:47 |
| S87 | 15742 | slit and mask | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:48 |
| S88 | 321 | slit with mask and "349" | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:48 |
| S89 | 321 | slit with mask and "349" | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:49 |
| S90 | 8 | half adj transmit\$ with mask and slit and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:50 |
| S91 | 8 | half adj transmit\$ with slit and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:50 |
| S92 | 11 | half adj transmi\$ with slit and "349"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/02 13:51 |
| S93 | 1 | "20050012150" | US-PGPUB; USPAT | OR | ON | 2005/07/11 18:20 |
| S94 | 2203 | 257/347.ccls. | US-PGPUB; USPAT | OR . | ON | 2005/07/11 18:22 |
| S95 | 0 | "6943048".pn. | US-PGPUB; USPAT | OR | ON | 2005/07/11 18:23 |

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|----------|------|---|---|----------------|----|------------------|
| S96 | 1 | "6493048".pn. | US-PGPUB; USPAT | OR | ON | 2005/07/11 18:25 |
| S97 | 1 | "4345249".pn. | US-PGPUB; USPAT | OR | ON | 2005/07/11 18:27 |
| S98 | 1 | 10/653914 | US-PGPUB; USPAT | OR | ON | 2005/07/11 18:37 |
| S99 | 1 | 10/481236 | US-PGPUB; USPAT | OR | ON | 2005/07/11 18:38 |
| S10 0 | 2 | byun-jae-seong.in. | US-PGPUB; USPAT | OR | ON | 2005/07/12 13:40 |
| S10 1 | 1 | "6342938".pn. | US-PGPUB; USPAT | OR | ON | 2005/07/12 14:01 |
| S10 2 | 1 | "6035526".pn. | US-PGPUB; USPAT | OR | ON | 2005/07/12 15:46 |
| S10 3 | 29 | ink with pixel adj electrode and "349"/\$.ccls. | US-PGPUB; USPAT | OR - | ON | 2005/07/12 16:17 |
| S10 4 | 1224 | 349/113.ccls. | US-PGPUB; USPAT | OR | ON | 2005/07/12 16:30 |
| S10 5 | 2610 | 349/42-43.ccls. 349/149,152.ccls. | US-PGPUB; USPAT | OR | ON | 2005/07/12 16:30 |
| S10 6 | 3 | ("6038003" "6091466" "6414730").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/12 16:39 |
| S10 7 | . 3 | ("20030112387" "20030180978" "5825449").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/12 16:53 |
| S10 8 | 1 | 10/653914 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/12 16:53 |
| S10 9 | 4 | ("5760854" "5781254" "5940151" "6091466").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/12 17:50 |
| S11 0 | 5 | ("5272355" "5482173" "5907379" "6287899" "6391499").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/12 18:49 |
| S11 1 | 4 | 09/779705 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 15:40 |
| S11 2 | 1 | "5909266".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 15:42 |
| S11 3 | 1 | "5767827".pn. | US-PGPUB; USPAT; USOCR | OR . | ON | 2005/07/13 15:44 |
| S11 4 | 1 | "4676868".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 15:52 |

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|----------|-----|--|------------------------------|------|----|------------------|
| S11 6 | 1 | passivation adj layer with printing adj method with convention\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 16:10 |
| S11 7 | 1 | 10/779705 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 16:10 |
| S11 8 | 4 | 09/779705 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 17:19 |
| S11 9 | 1 | "4500173".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 17:30 |
| S12 0 | 1 | "6819368".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 17:34 |
| S12 1 | 1 | 10/613712 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 17:35 |
| S12 2 | 1 | 2003/0067266 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 17:36 |
| S12 3 | 1 | "20030067266" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 17:38 |
| S12 4 | 64 | kato-yoshifumi.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 17:42 |
| S12 5 | 158 | 349/69.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 17:42 |
| S12 6 | 6 | ("6114805" "6121726" "6433487" "6507379" "6521912" "6731064").PN. | US-PGPUB; USPAT; USOCR | OR . | ON | 2005/07/13 17:54 |
| S12 7 | 1 | 10/658846 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 17:54 |
| S12 8 | 0 | ("6542207").URPN. | USPAT | OR | ON | 2005/07/13 18:02 |
| S12 9 | 7 | ("4500173" "4772885" "5121234" "5504599" "5841494" "5852485").PN. OR ("6208391").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 18:15 |
| S13 0 | 18 | ("4347265" "4580877" "4772885" "4877995" "4929060" "5101289" "5280221" "5300928").PN. OR ("5504599").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 14:17 |